



J&M Manufacturing
Torsion-Flex Soil Conditioners

Designed To
PERFORM
Built To Last



TORSION FLEX
SOIL CONDITIONERS

MODELS 3 SECTION TF2 | TF212 | TF215
5 SECTION TF5S



Designed To

PERFORM

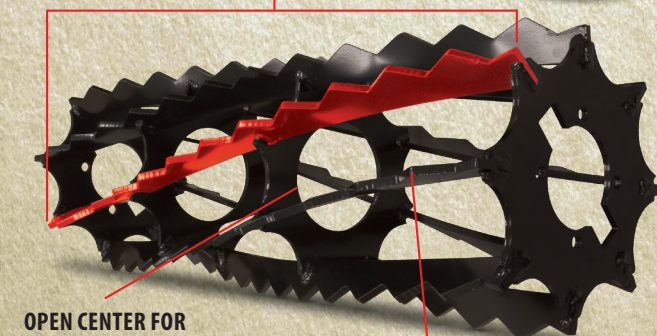
Built To Last

Flex your muscles the next time you're working ground with a J&M Torsion-Flex Soil Conditioner. The double basket design features a torsion-flex arm that maintains proper ground tension and allows the basket to flex over uneven terrain. The result is a more consistent performance that levels and finishes the soil in one pass... preparing a more uniform seed bed composed of finer soil at planting depth to help retain proper moisture and large particles on top to reduce crusting.

DOUBLE TWIST BASKETS

The Double Twist™ baskets by J&M feature a 2 to 1 slat design, providing ultimate ground contact for smoother rolling. This reduces the chance of "wash boarding" and prepares the field for maximum seed to soil contact and germination. The flat end and open center design reduces the chance of rock, mud and debris build-up. The heavy-duty 13" or 16" baskets are made with tall, $\frac{3}{8}$ " thick steel slats for maximum durability.

2 to 1 BASKET TWIST



OPEN CENTER FOR
MAXIMUM CLEANOUT

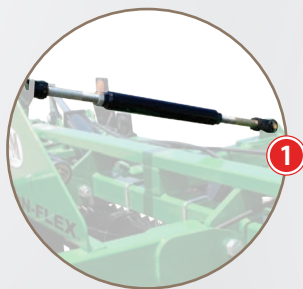
HEAVY DUTY
CONSTRUCTION



TF2 | TF212 | TF215

12'-45' Working Widths

The cross-folding wing design creates a lower profile and narrower width for greater visibility, making farm to farm transport easier. The wings extend from 12 to 45 feet to meet your specific needs.



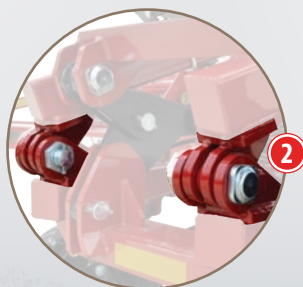
Standard Turn-Buckle Design

Turn-Buckle design maximizes transport ground clearance... regardless of the hitch height.



Lighting Packages

Deluxe Light Kit with SMV Emblem.



Standard Heavy-Duty Hinges

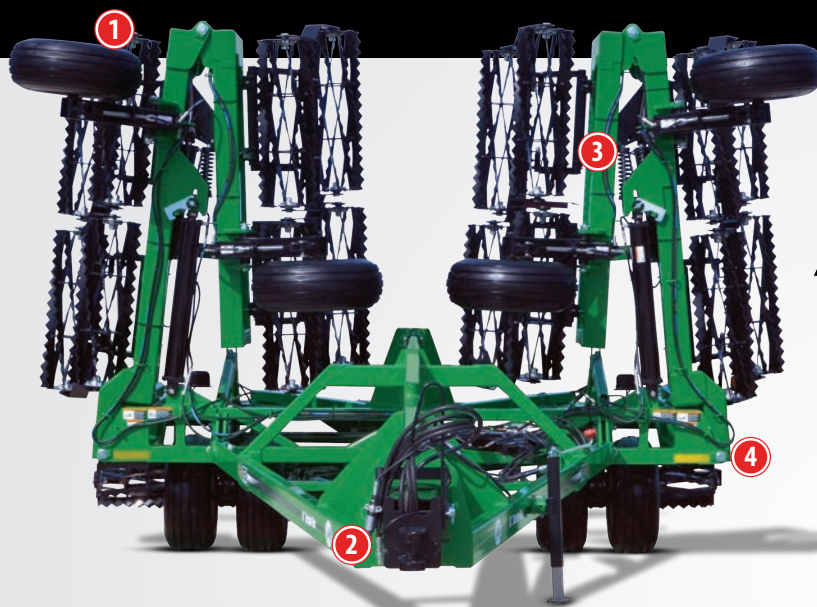
Hinge areas feature oversized folding cylinders, heavy-duty over-center linkage plates and extra-thick, reinforced hinges with large $1\frac{3}{4}$ " diameter pins.



Optional Wing Wheels

Optional wing wheels utilize phasing cylinders that allow the unit to lift and lower evenly.





TF5S



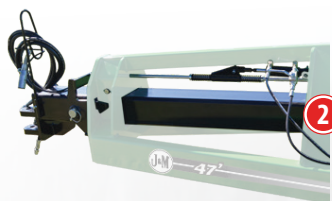
Wing Wheels

Our wing wheels utilize phasing cylinders that allow the unit to lift and lower evenly.



Down Pressure Springs

Standard down pressure springs give your baskets consistent down pressure creating more uniform seedbeds.



Hydraulic Telescoping Tongue

All J&M Model TF5S Soil Conditioners come standard with a hydraulic telescoping tongue with spring latch to easily switch between "Road-to-Field" and "Field-to-Road" positions right from the tractor seat.



Heavy-Duty Greaseless Hinges

J&M's standard, heavy-duty, greaseless hinges are designed to withstand the most extreme conditions.



TF5S

44'–63' Working Widths

TF5S 5-Section Soil Conditioners feature a double folding wing design that extends working widths from 44 to 63 feet, yet folds to within a 16'-6" transport width. The conditioners are designed to perform and built to last, putting more material where it counts to prevent excessive wear at critical stress points and maximize performance.





WHAT SIZE BASKETS DO YOU NEED?

13" Diameter Serrated Baskets

- Standard diameter baskets produce greater rotational speeds for more aggressive ground contact (ideal for harder soil types)
- Large center opening for less chance of rock collection

13" Diameter Round Bar Baskets

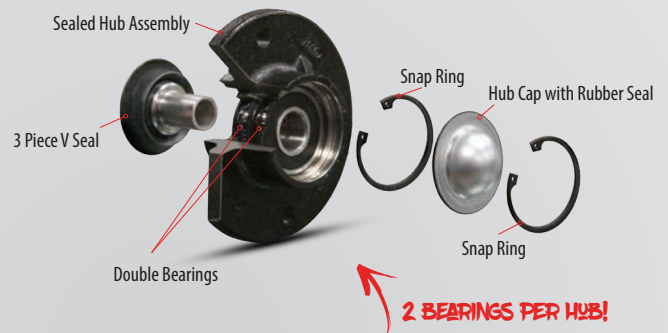
- $\frac{7}{8}$ " diameter steel that flattens and firms the soil for best seed to soil contact (designed to create a very firm seedbed in any soil type)
- Center opening for less chance of rock collection

16" Diameter Serrated Baskets

- Larger diameter baskets pull easier with less horsepower and float over soft, sandy, loamy soils
- Larger center opening for less chance of rock collection

OPTIONAL 13" & 16" BASKET COMBINATION

A 13" and 16" basket combination features a 16" diameter front basket that allows it to float over the ground without digging in, even in soft conditions. The rear 13" basket rotates at a higher rpm and allows the serrated cutting blades to make contact at two different points, unlike basket combinations of the same size. Two different points of ground contact work the same amount of ground in one pass as a soil conditioner with matching size baskets in two passes.



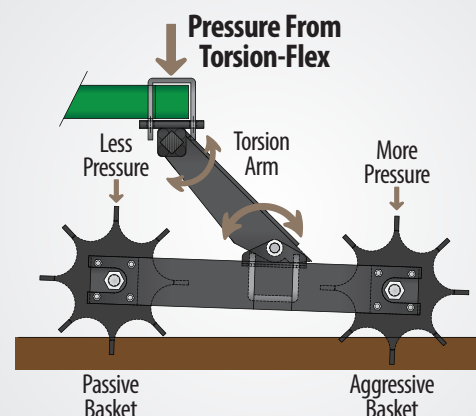
STANDARD HEAVY-DUTY BEARINGS

The heavy-duty GBGI bearing upgrade features a sealed, cast hub style housing with double roller bearings for extra durability to handle more side thrust and a heavier workload.

The rubber sealed hub caps and 3 piece "v seal" are optimal for keeping dirt and contamination away from the bearings during high speed usage. Snap rings hold the seals in place while allowing the bearings to be serviceable at a lower cost than replacing the entire assembly.

TORSION-FLEX SUPPORT DESIGN

The offset dual basket design creates unequal downward pressure between the front and rear baskets. With less downward pressure, the front basket works the top of the soil and allows the baskets to 'walk-over' rocks and foreign debris and reduce the chance of washboarding, while the rear basket more aggressively penetrates the soil for maximum conditioning, residue and chemical mixing.



Torsion-Flex Working Widths

Models TF2, TF212 and TF215 Torsion-Flex Soil Conditioners

Model TF5S Torsion-Flex Soil Conditioners

Features two rows of 13" or 16" diameter steel baskets, deluxe light package with SMV emblem, extendable tongue and storage jack.

Available in Red, Green or Blue powder coat in the following working widths:

	Working Width	Transport Width	Width		Approx. Weight*
			Base	Wings, Ea.	
Model TF2	12'	12'	12'	N/A	2,195 lbs.
	13'	13'	12'	N/A	2,310 lbs.
	14'	14'	14'	N/A	2,425 lbs.
	15'	15'	14'	N/A	2,540 lbs.
	16'	16'	16'	N/A	2,655 lbs.
	17'	17'	16'	N/A	2,770 lbs.
	18'	18'	18'	N/A	2,885 lbs.
	20'	13'5"	12'	4'0"	4,415 lbs.
Model TF212	22'	13'5"	12'	5'	4,645 lbs.
	23'	13'5"	12'	5'6"	4,760 lbs.
	24'	13'5"	12'	6'	4,875 lbs.
	26'	13'5"	12'	7'	5,105 lbs.
	27'	13'5"	12'	7'6"	5,220 lbs.
	28'	13'5"	12'	8'	5,335 lbs.
	29'	13'5"	12'	8'6"	5,450 lbs.
	30'	13'5"	12'	9'	5,565 lbs.
	31'	13'5"	12'	9'6"	5,680 lbs.
	32'	13'5"	12'	10'	5,795 lbs.
	33'	13'5"	12'	10'6"	5,910 lbs.
	34'	13'5"	12'	11'	6,025 lbs.
	35'	13'5"	12'	11'6"	6,140 lbs.
	36'	15'5"	15'	10'6"	6,255 lbs.
	37'	15'5"	15'	11'	6,370 lbs.
Model TF215	38'	15'5"	15'	11'6"	6,485 lbs.
	39'	15'5"	15'	12'	6,600 lbs.
	40'	15'5"	15'	12'6"	6,715 lbs.
	41'	15'5"	15'	13'	6,830 lbs.
	42'	15'5"	15'	13'6"	6,945 lbs.
	43'	15'5"	15'	14'	7,060 lbs.
	44'	15'5"	15'	14'6"	7,175 lbs.
	45'	15'5"	15'	15'	7,290 lbs.

Optional 16" Baskets, Harrow Bar and Side-Wing Wheels Available
All Units Are Factory Set-Up

* Weight Measured with Standard 13" Diameter Baskets, without Optional Harrow or Wing Wheels

	Working Width	Transport Height	Width		Approx. Weight*
			13" Baskets	16" Baskets	
Model TF5S	44'	12'	16'-3"	16'-6"	12,324 lbs.
	45'	12'	16'-3"	16'-6"	12,382 lbs.
	46'	12'	16'-3"	16'-6"	12,440 lbs.
	47'	12'	16'-3"	16'-6"	12,498 lbs.
	48'	14'	16'-3"	16'-6"	12,434 lbs.
	49'	14'	16'-3"	16'-6"	12,760 lbs.
	50'	14'	16'-3"	16'-6"	12,818 lbs.
	51'	14'	16'-3"	16'-6"	12,876 lbs.
	52'	14'	16'-3"	16'-6"	13,084 lbs.
	53'	14'	16'-3"	16'-6"	13,142 lbs.
	54'	14'	16'-3"	16'-6"	13,202 lbs.
	55'	14'	16'-3"	16'-6"	13,256 lbs.
	56'	16'	16'-3"	16'-6"	13,434 lbs.
	57'	16'	16'-3"	16'-6"	13,492 lbs.
	58'	16'	16'-3"	16'-6"	13,552 lbs.
	59'	16'	16'-3"	16'-6"	13,606 lbs.
	60'	16'	16'-3"	16'-6"	13,818 lbs.
	61'	16'	16'-3"	16'-6"	13,858 lbs.
	62'	16'	16'-3"	16'-6"	13,918 lbs.
	63'	16'	16'-3"	16'-6"	13,958 lbs.

Optional Harrow Bar Available
Optional 16" Baskets Available

* Weight Measured with Standard 13" Diameter Baskets, without Optional Harrow or Wing Wheels



Optional Gooseneck frame.



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GUARANTEE

J & M MANUFACTURING CO guarantees against any faulty construction or materials for a period of ONE year. We reserve the right to inspect and decide whether material or construction was faulty or whether abuse or accident voids our guarantee.

Specifications are subject to change without notice or obligation.

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